

10/814,849

d his

(FILE 'HOME' ENTERED AT 12:26:45 ON 22 OCT 2004)

FILE 'CASREACT' ENTERED AT 12:27:04 ON 22 OCT 2004

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 288 S L1 FULL

FILE 'CAPLUS' ENTERED AT 12:28:11 ON 22 OCT 2004

L4 289 S L3

L5 38 S L4 AND AROMATIC?

L6 70 S L4 AND ACYLAT?

L7 43 S L6 AND (BENZOYL? OR ACETYL?)

L8 0 S L7 AND ?SOLID CATALYST

L9 0 S L7 AND (SILICON? OR CLAY)

L10 0 S L7 AND SAPO

L11 0 S L7 AND MCM?

L12 3 S L7 AND (ALUMINUM OR GALLIUM OR INDIUM OR THALLIUM OR IRON)

L13 227635 S AROMATIC?

L14 61829 S L13 AND (?BENZENE OR ?NAPHTHALENE)

L15 667 S L14 AND ACYLAT?

L16 308 S L15 AND (BENZOYL? OR ACETYL?)

L17 47 S L16 AND (ALUMINUM OR GALLIUM OR INDIUM OR THALLIUM)

L18 2 S L17 AND SOLID CATALYST

L19 146282 S SAPO OR ALPO? OR CLAY

L20 5 S L17 AND L19

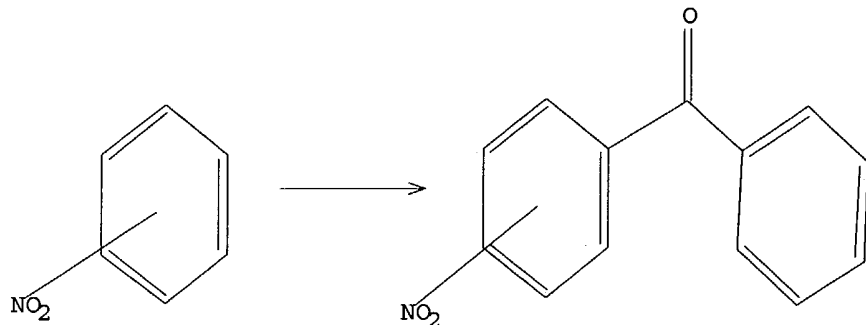
10/814,849,

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:27:26 FILE 'CASREACT'

SCREENING COMPLETE - 239 REACTIONS TO VERIFY FROM 46 DOCUMENTS

100.0% DONE 239 VERIFIED

41 HIT RXNS

17 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 3853 TO 5707

PROJECTED ANSWERS: 93 TO 587

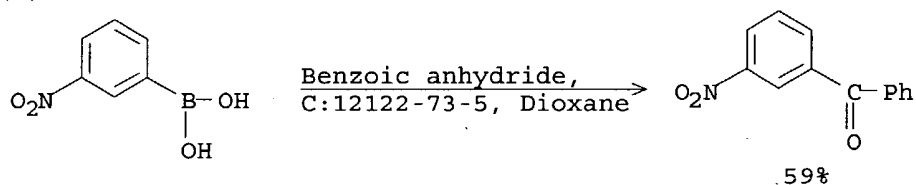
L2 17 SEA SSS SAM L1 (41 REACTIONS)

=> d scan

L2 17 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Rhodium catalyzed addition of boronic acids to anhydrides: a new method for the synthesis of ketones

RX(4) OF 5



59%

NOTE: optimization, regioselective

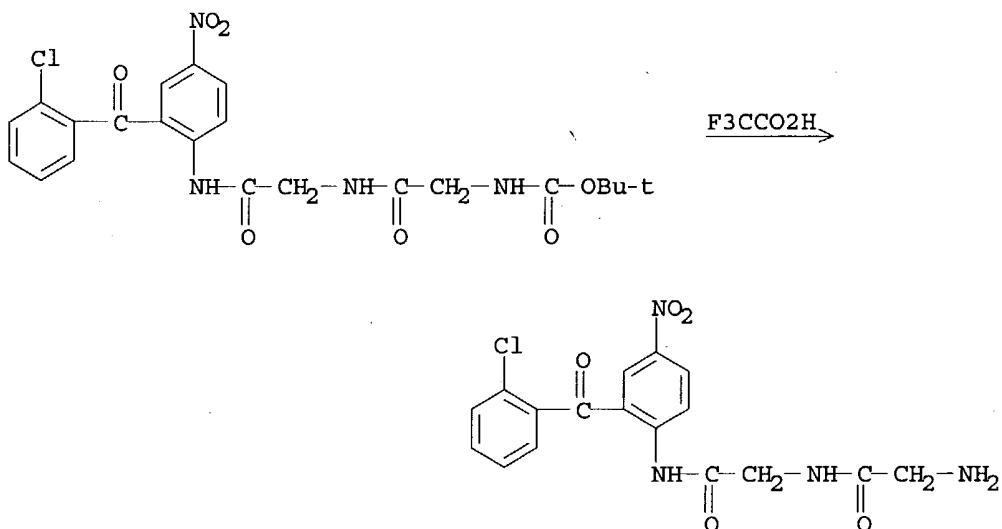
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L2 17 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

Print selected from Online sessionPrint selected from Online session

10/814,849

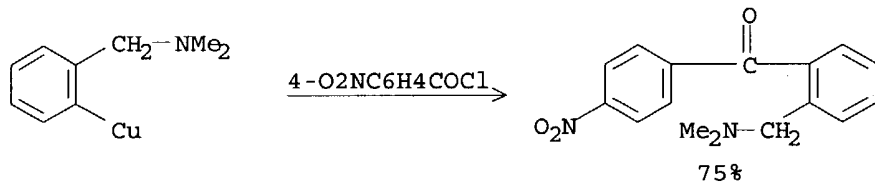
TI Synthesis and pharmacology of potential metabolites of Loprazolam
RX(7) OF 11



L2 17 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Stable arylcopper compounds containing 2-(dimethylamino)methyl or 2-methoxymethyl groups at the aryl nucleus

RX(3) OF 4

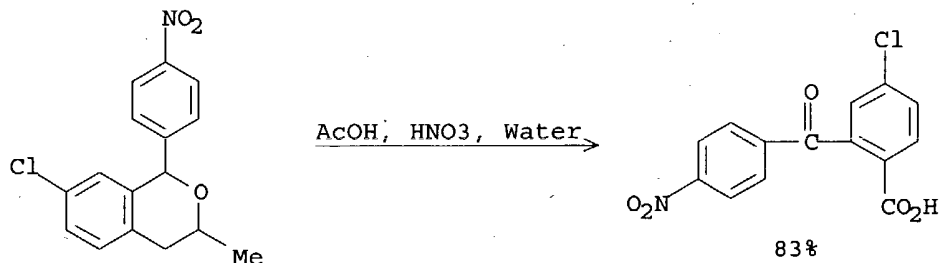


NOTE: Classification: C-Acylation; Condensation

L2 17 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Triazolo- and imidazophthalazines, are they non-competitive AMPA antagonists?

RX(18) OF 201



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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full

FULL SEARCH INITIATED 12:27:44 FILE 'CASREACT'

SCREENING COMPLETE - 5036 REACTIONS TO VERIFY FROM 844 DOCUMENTS

100.0% DONE 5036 VERIFIED

964 HIT RXNS

288 DOCS

SEARCH TIME: 00.00.01

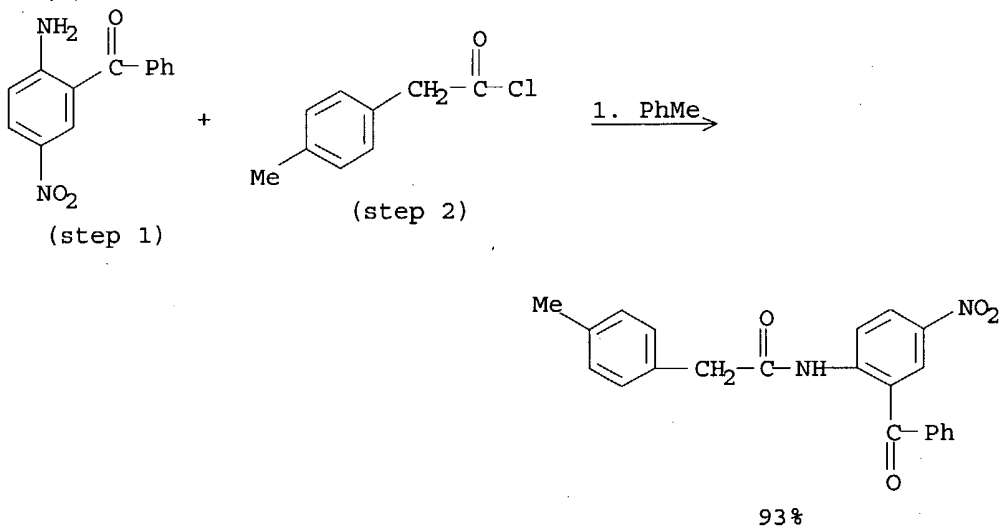
L3 288 SEA SSS FUL L1 (964 REACTIONS)

=> d scan

L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Non-thiol farnesyltransferase inhibitors: the concept of
benzophenone-based bisubstrate analogue farnesyltransferase inhibitors

RX(1) OF 13



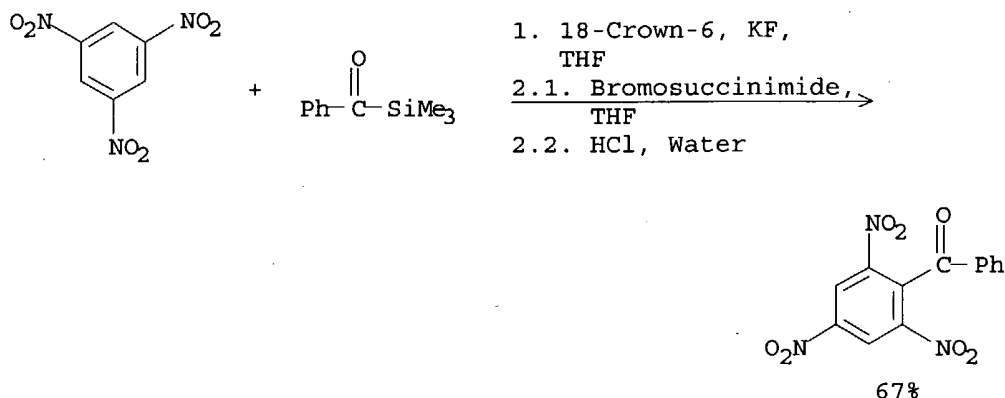
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Alkylation and acylation of some activated aromatic substrates by
organosilicon compounds

10/814,849

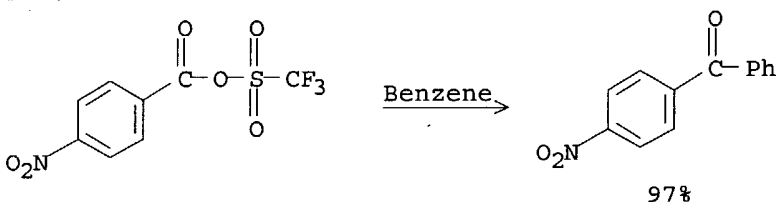
RX(35) OF 41 - 2 STEPS



L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Electrophilic aromatic substitution. 25. Carboxylic trifluoromethanesulfonic anhydrides as highly effective acylation agents. Perfluoroalkanesulfonic acid catalyzed acylation of arenes

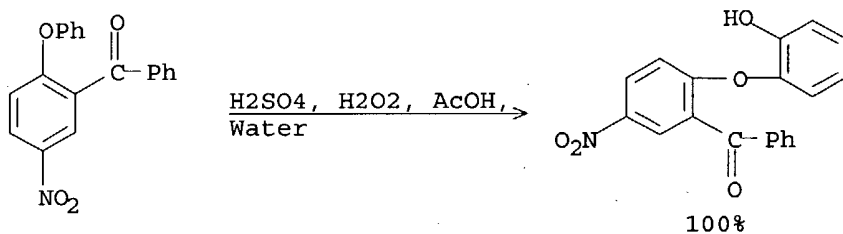
RX(6) OF 20



L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Ortho-hydroxylation of phenols. A new case of the Smiles rearrangement

RX(1) OF 1



NOTE: Classification: Hydroxylation; Regioselective; Chemoselective; #
Conditions: H_2SO_4 ; H_2O_2 AcOH ; 3h 20 deg

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

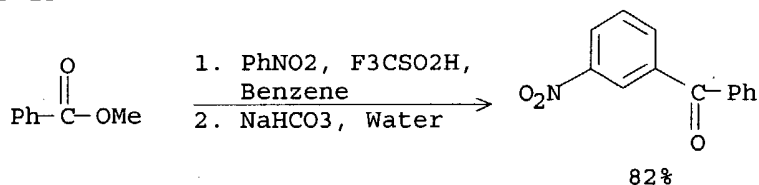
L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Trifluoromethanesulfonic Acid Catalyzed Novel Friedel-Crafts Acylation of

10/814,849

Aromatics with Methyl Benzoate

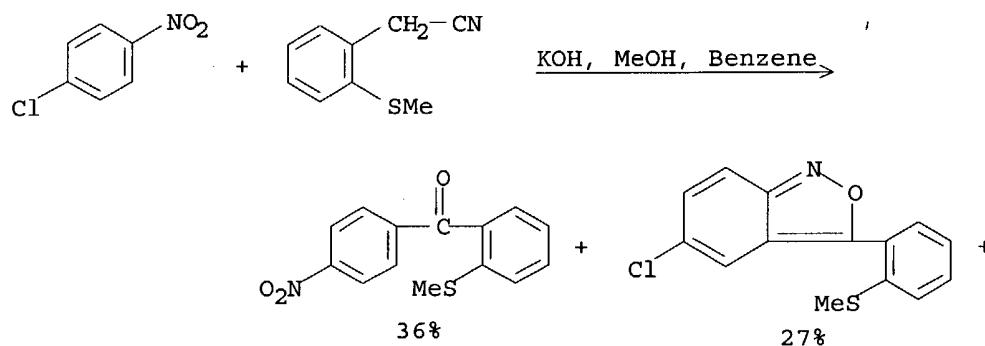
RX(7) OF 13



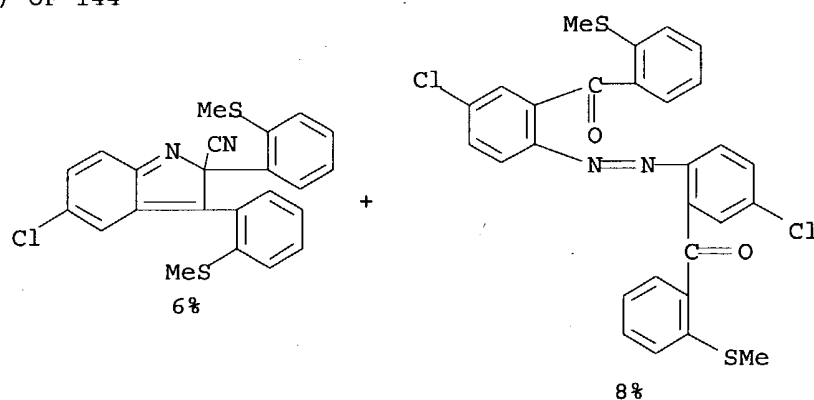
L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Reactions of 4-chloro-1-nitrobenzene with o-substituted phenylacetonitriles; synthesis of 8-chloro-1-methyl (and methylthiomethyl) -6-(2-substituted phenyltriazolo[4,3-a]-1,4-benzodiazepines

RX(10) OF 144



RX(10) OF 144



L3 288 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Pyrazolobenzazepines

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RX(14) OF 43

